

CLAIMS

1. An electrical connector comprising:
a substantially rectangular peripheral wall
5 having an upper face;
a receiving space for receiving a mating
connector, said receiving space being surrounded by said
peripheral wall; and
a plurality of terminals arranged in a pair of
10 opposed walls of said peripheral wall, wherein said upper
face of said peripheral wall includes a first surface in at
least part of an outside area of said peripheral wall, a
second surface in at least part of an inside area of said
peripheral wall, said second surface being positioned lower
15 than said first surface, and a slant surface in a transit
area between said first and second surfaces of said upper
face.
2. The electrical connector according to 1,
wherein said second surface of said upper face is
20 substantially perpendicular to a plugging direction of said
mating connector into said receiving space.
3. The electrical connector according to 1,
which further comprises a plugging protrusion in said
receiving space, said plugging protrusion having at least
25 one engaging means in a side surface thereof to engage said
mating connector.
4. An electrical connector comprising:
a substantially rectangular peripheral wall
having an upper face;
30 a receiving space for receiving a mating
connector, said receiving space being surrounded by said
peripheral wall;
a plugging protrusion provided in said receiving
space for plugging in said mating connector; and

a plurality of terminals arranged in a pair of opposed walls of said peripheral wall, wherein said plugging protrusion has an upper face which includes a first surface positioned higher than said upper face of said peripheral wall, a second surface provided in at least part of a periphery of said first surface and being substantially flush with said upper face of said peripheral wall, and a slant surface in a transit area between said first and second surfaces.

5 5. The electrical connector according to claim 4, wherein said plugging protrusion has at least one engaging means to engage said mating connector.

 6. The electrical connector according to claim 1, wherein said slant surface is made tapered.

15 7. The electrical connector according to claim 4, wherein said slant surface is made tapered.

 8. The electrical connector according to claim 1, wherein each of said terminals has a resilient contact portion, which is wound toward a bottom of said receiving space to provide a bent portion such that when said mating connector is brought into contact with said bent portion, said resilient contact portion is resiliently flexed in a direction substantially perpendicular to a plugging direction of said mating connector.

20 9. The electrical connector according to claim 4, wherein each of said terminals has a resilient contact portion, which is wound toward a bottom of said receiving space to provide a bent portion such that when said mating connector is brought into contact with said bent portion, said resilient contact portion is resiliently flexed in a direction substantially perpendicular to a plugging direction of said mating connector.

25 10. An electrical connector plugged in said electrical connector according to claim 1, comprising a

plurality of terminals, each terminal having a contact portion and a click projection provided near said contact portion at front of said contact portion in a plugging direction.

- 5 11. An electrical connector plugged in said electrical connector according to claim 4, comprising a plurality of terminals, each terminal having a contact portion and a click projection provided near said contact portion at front of said contact portion in a plugging
10 direction.